SEOUENCE LISTING

```
<110> Campbell, Matthew
     Hatley, Richard Jonathan
     Heer, Jag Paul
     Mason, Andrew McMurtrie
      Pinto, Ivan Leo
     RAHMAN, Shahzad Sharooq
      Smith, Ian Edward David
<120> ANTHRANILIC ACID DERIVATIVES AND THEIR
 USE AS ACTIVATORS OF THE HM74A RECEPTOR
<130> PB60300
<140> 10/568,029
<141> 2006-02-10
<150> PCT/GB2004/003516
<151> 2004-08-13
<150> GB 0319126.9
<151> 2003-08-14
<160> 2
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 1295
<212> DNA
<213> Homo sapien
<400> 1
cgccactttg ctggagcatt cactaggcga ggcgctccat cggactcact agccgcactc 60
atgaatcggc accatctgca ggatcacttt ctggaaatag acaagaagaa ctgctgtgtg 120
ttccgagatg acttcattgt caaggtgttg ccgccggtgt tgggggctgga gtttatcttc 180
gggcttctgg gcaatggcct tgccctgtgg attttctgtt tccacctcaa gtcctggaaa 240
tccagccgga ttttcctgtt caacctggca gtggctgact ttctactgat catctgcctg 300
cccttcctga tggacaacta tgtgaggcgt tgggactgga agtttgggga catcccttgc 360
cggctgatgc tcttcatgtt ggctatgaac cgccagggca gcatcatctt cctcacggtg 420
gtggcggtag acaggtattt ccgggtggtc catccccacc acgccctgaa caagatctcc 480
aatcggacag cagccatcat ctcttgcctt ctgtggggca tcactattgg cctgacagtc 540
cacctcctga agaagaagat gccgatccag aatggcggtg caaatttgtg cagcagcttc 600
agcatctgcc ataccttcca gtggcacgaa gccatgttcc tcctggagtt cttcctgccc 660
ctgggcatca tcctgttctg ctcagccaga attatctgga gcctgcggca gagacaaatg 720
gaccggcatg ccaagatcaa gagagccatc accttcatca tggtggtggc catcgtcttt 780
gtcatctgct tccttcccag cgtggttgtg cggatccgca tcttctggct cctgcacact 840
tegggeacge agaattgtga agtgtacege teggtggace tggegttett tateactete 900
agetteacet acatgaacag catgetggae ecegtggtgt actattttte cageceatee 960
tttcccaact tcttctccac tttgatcaac cgctgcctcc agaggaagat gacaggtgag 1020
ccagataata accgcagcac gagcgtcgag ctcacagggg accccaacaa aaccagaggc 1080
gctccagagg cgttaatggc caactccggt gagccatgga gcccctctta tctgggccca 1140
acctctcctt aaataaccat gccaagaagg gacattgtca ccaagaacca gcatctctgg 1200
agaaacagtt gggctgttgc atcgagtaat gtcactggac tcggcctaag gtttcctgga 1260
                                                                   1295
acttccagat tcagagaatc tgatttaggg aaact
```

<210> 2 <211> 363 Met Asn Arg His His Leu Gln Asp His Phe Leu Glu Ile Asp Lys Lys Asn Cys Cys Val Phe Arg Asp Asp Phe Ile Val Lys Val Leu Pro Pro 25 Val Leu Gly Leu Glu Phe Ile Phe Gly Leu Leu Gly Asn Gly Leu Ala 40 Leu Trp Ile Phe Cys Phe His Leu Lys Ser Trp Lys Ser Ser Arg Ile 55 Phe Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu Ile Ile Cys Leu 70 75 Pro Phe Leu Met Asp Asn Tyr Val Arg Arg Trp Asp Trp Lys Phe Gly 90 Asp Ile Pro Cys Arg Leu Met Leu Phe Met Leu Ala Met Asn Arg Gln 100 105 Gly Ser Ile Ile Phe Leu Thr Val Val Ala Val Asp Arg Tyr Phe Arg 115 120 125 Val Val His Pro His His Ala Leu Asn Lys Ile Ser Asn Arg Thr Ala 135 140 Ala Ile Ile Ser Cys Leu Leu Trp Gly Ile Thr Ile Gly Leu Thr Val 150 155 His Leu Leu Lys Lys Met Pro Ile Gln Asn Gly Gly Ala Asn Leu 165 170 Cys Ser Ser Phe Ser Ile Cys His Thr Phe Gln Trp His Glu Ala Met 185 Phe Leu Glu Phe Phe Leu Pro Leu Gly Ile Ile Leu Phe Cys Ser 200 Ala Arg Ile Ile Trp Ser Leu Arg Gln Arg Gln Met Asp Arg His Ala 215 220 Lys Ile Lys Arg Ala Ile Thr Phe Ile Met Val Val Ala Ile Val Phe 230 235 Val Ile Cys Phe Leu Pro Ser Val Val Val Arg Ile Arg Ile Phe Trp 245 250 Leu Leu His Thr Ser Gly Thr Gln Asn Cys Glu Val Tyr Arg Ser Val 265 260 Asp Leu Ala Phe Phe Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met 280 275 Leu Asp Pro Val Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Asn Phe 300 295 Phe Ser Thr Leu Ile Asn Arg Cys Leu Gln Arg Lys Met Thr Gly Glu 310 315 Pro Asp Asn Asn Arg Ser Thr Ser Val Glu Leu Thr Gly Asp Pro Asn 325 330 Lys Thr Arg Gly Ala Pro Glu Ala Leu Met Ala Asn Ser Gly Glu Pro 345 340 Trp Ser Pro Ser Tyr Leu Gly Pro Thr Ser Pro